Please type a plus sign (+) insi	le this box+
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PTO/SB/05 (03-01)

October 31, 2003

Approved for use through 10/31/2002. OMB 0651-0032 U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number Attorney Docket No. 320727.51001 UTILITY First Inventor Lola M. REID PATENT APPLICATION TEXTILES FOR USE IN BIOREACTORS FOR TRANSMITTAL Title **EXPANSION AND MAINTENANCE OF CELLS** (Only for new nonprovisional applications under 37 CFR 1.53(b)) Express Mail Label No. APPLICATION ELEMENTS ADDRESS TO: See MPEP chapter 600 concerning utility patent application contents. Fee Transmittal Form (e.g., PTO/SB/17) CD-ROM or CD-R in duplicate, large table or Submit an original, and a duplicate for fee processing) Computer Program (Appendix) Applicant claims small entity status. Nucleotide and/or Amino Acid Sequence Submission X 8. See 37 CFR 1.27. (if applicable, all necessary) 3. X Specification [Total Pages 34 Computer Readable Form (CRF) (preferred arrangement set forth below) b. Specification Sequence Listing on: - Descriptive title of the invention Cross Reference to Related Applications
 Statement Regarding Fed sponsored R & D
 Reference to sequence listing, a table, or a computer program listing appendix CD-ROM or CD-R (2 copies); or paper Statements verifying identity of above copies Background of the Invention
 Brief Summary of the Invention **ACCOMPANYING APPLICATIONS PARTS** Brief Description of the Drawings (if filed) 9. Assignment Papers (cover sheet & document(s)) **Detailed Description** 37 CFR 3.73(b) Statement Power of 10. Abstract of the Disclosure Attomey (when there is an assignee) 4. X Drawing(s) (35 U.S.C. 113) [Total Sheets 18 11. English Translation Document (if applicable) Information Disclosure Copies of IDS 2 5. Oath or Declaration (Total Pages 12. Statement (IDS)/PTO-1449 Citations a. X Unexecuted Declaration 13. Preliminary Amendment Copy from a prior application (37 CFR 1.63(d)) Return Receipt Postcard (MPEP 503) 14. (for continuation/divisional with Box 18 completed) (Should be specifically itemized) Certified Copy of Priority Document(s) **DELETION OF INVENTOR(S)** 15. (if foreign priority is claimed) Signed statement attached deleting Nonpublication Request under 35 U.S.C. 122 (b)(2)(B)(i). inventor(s) named in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b). 16. Applicant must attach form PTO/SB/35 or its equivalent. 17. Other: 6. X Application Data Sheet. See 37 CFR 1.76 18. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment, or in an Application Data Sheet under 37 CFR 1.76: Continuation-in-part (CIP) of prior application No.: Continuation Prior application information: Examiner Group / Art Unit: For CONTINUATION or DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by 19. CORRESPONDENCE ADDRESS X Customer Number or Bar Code Label Correspondence address below 27160 Name Katten Muchin Zavis Rosenman Address 525 West Monroe Street, Suite 1600 Zip Code City Chicago 60661-3693 State Illinois Country **United States** Telephone 202 625-3621 312 902-1061 Name Serge Sira Registration No. (Attorney/Agent) 39,445 (Print/Type) Gilberto M. Villacorta Reg. No. 34.038

Signature

PTO/SB/17 (10-02)

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CEE TO A MODULT AL		Complete if Known							
FEE TRANSMITTAL			Application Number				To B Assigned		
for FY 2003 Filing Date				Concurrently Herewith					
Patent fees are subject to annual revision.	First Named Inventor			Lola M. Reid					
Them jees we subject to minda revision.		Examiner Name				To Be Assigned			
X Applicant claims small entity status. See 37 CFR 1.27	Group Art Unit				To Be Assigned				
TOTAL AMOUNT OF PAYMENT (\$) 471.00	Attorney Docket No.			320727.51001					
METHOD OF PAYMENT (check all that apply)	Г		-, 200						
	FEE CALCULATION (continued)						ontinued)		
X Check Card Order Other None Deposit Account	3. ADDITIONAL FEES								
Deposit Control Deposit	Large Entity Small Entity								
Account Number 50-1710	Fee Code	Fee (\$)					cription	Fee Paid	
Deposit Account KATTEN MUCHIN ZAVIS	1051	130	2051	65	Surcharge -	late filing fee	or oath		
Name ROSENMAN The Commissioner is hereby authorized to: (check all that apply)	1052					- late provisional filing fee or cover			
X Charge fee(s) indicated below X Credit any overpayments	1053	130	sheet. 130 1053 130 Non-Englis			h masification			
X Charge any additional fee(s) during the pendency of this	1812	2,520	1812					\vdash	
аррисацоп	1804						ublication of SIR prior to Examiner		
Charge fee(s) indicated below, except for the filling fee to the above-identified deposit account.	1805	1,840*	1805	1,840*	action				
FEE CALCULATION	1251	110	Examiner action						
1. BASIC FILING FEE	1252	400	2252	200			second month		
Large Entity Small Entity	1253	920	2253	460	Extension fo	or reply within	third month		
Fee Fee Fee Fee Code (\$) Fee Description Fee Paid	1254	1,440	2254	720	Extension fo	or reply within	fourth month		
1001 740 2001 370 Utility filing fee 385.00	1255	1,960	2255	980	Extension fo	Extension for reply within fifth month			
1002 330 2002 165 Design filing fee	1401	320	2401	160	Notice of A				
1003 510 2003 255 Plant filing fee	1402	320	2402	160	Filing a brief in support of an appeal				
1004 740 2004 370 Reissue filing fee	1403	280	2403	140	Request for				
1005 160 2005 80 Provisional filing fee	1451 1452	1,510	1451 2452	1,510	Petition to institute a public use proceeding Petition to revive – unavoidable				
SUBTOTAL (1) (\$) 385.00	1453	110 2452 55 Petition to revive 1,280 2453 640 Petition to revive							
2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE	1501	1,280	2501	640		ty issue fee (or reissue)			
Extra Fee from	1502	460	2502	230	Design issu				
Total Claims 14 - 20* = 0 x 9 0	1503	620	2503	310	Plant issue				
Independent 5 3 2 V 43 -86.00	1460	130	1460	130	Petitions to the Commissioner				
Claims 280 Multiple Dependent 280	1807	50	1807	50	Processing	fee under 37	CFR 1.17(q)		
Large Entity Small Entity	1806	180	1806	180	Submission of Information Disclosure Stmt				
Fee Fee Fee Fee Fee Description	8021	40	8021	40	Recording each patent assignment per				
Code (\$) Code (\$) 1202 18 2202 9 Claims in excess of 20							of properties) final rejection	\vdash	
1201 84 2201 42 Independent claims in excess of 3	1809	740	2809	370	(37 CFR 1.	129(a))			
1203 280 2203 140 Multiple dependent claim, if not paid	1810	740	2810	370	For each additional invention to be examined (37CFR 1.129(b))				
1204 84 2204 42 ** Reissue independent claims over original patent	1801	740	2801	370	•	r Continued E r expedited e	Examination (RCE)		
1205 18 2205 9 ** Reissue claims in excess of 20	1802	900	1802	900	of a design	application			
and over original patent	Other fee (specify				Advance or	rder copies -	·····		
SUBTOTAL (2) (5) 86.00 *Reduced by Basic Filing Fee Paid SUBTOTAL (3) (5)									
**or number previously paid, if greater; For Reissues, see above SUBMITTED BY Complete (if applicable)									
Name (Print/Type) Serge Sira, PH.D.	Registre	tion No.	20	AAE			(if applicable)	_	
for: Gilberto M. Villacorta, PH.D.	(Attorne		39,	445		reiephone	202.625.3621		
Registration No. 34.038			\perp						
Signature Selfe Signature Date October 31, 2003									
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